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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

NGUYEN, PHILLIP

ART UNIT

PAPER NUMBER

2828

DATE MAILED: 08/30/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Art Unit: 2828

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1, 3, and 5-7 are have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 3, and 5-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Kim (US Patent No. 5995476).

With respect to claim 1, Kim discloses in Fig. 1-2 a mounting arrangement for a laser source 41/51 and at least one auxiliary electrical component 43/53 associated therewith, said laser source and said auxiliary electrical component being mounted on a general plane of extension of a submount 31, wherein said at least one auxiliary electrical component is mounted

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on said submount so that a longest dimension of said at least one auxiliary electrical component is at least substantially orthogonal to said general plane of said submount.

With respect to claim 3, Kim discloses the laser source has a lasing direction (vertical) and said auxiliary electrical component is displaced laterally with respect to said lasing direction of said laser source.

With respect to claim ?

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 5 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kim ('476). Kim discloses the claimed invention except for said at least one auxiliary electrical component being mounted onto said submount by means of conductive glue or/and an electrical conductive pad onto which both of said laser source and said component are mounted. It would have been obvious to the one having ordinary skill in the art at the time the invention was made to provide a conductive glue or/and conductive pad to mount electrical components to the a submount in order to either use the submount as a conductor (chassis) or heatsink because of the good thermal property of the conductive material.

4. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kim ('476) in view of Lee et al. (US Patent No. 5854867). Kim discloses the claimed invention except for the electrical auxiliary component being in a form of an SMD component. Lee discloses in Fig. 1B a mounting arrangement with a laser source 22, a submount 6, and an auxiliary component 32 associated with the laser source. It would have been obvious to the one having ordinary skill in the art at the time the invention was made to provide the electrical auxiliary component being in a form of SMD as taught by Lee to Kim in order to replace the component easily in case it fails to work in the future.

Allowable Subject Matter

5. Claims 2, 4 and 8 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 9-10 are allowed as indicated in the previous Office Action.

Communication Information


6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phillip Nguyen whose telephone number is 571-272-1947. The examiner can normally be reached on 9:00 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MINSUN HARVEY, can be reached on 571-272-1835. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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JAMES MENEFEE
PRIMARY EXAMINER